

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 181001380	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/CN2010/073386	International filing date (<i>day/month/year</i>) 31 May. 2010(31.05.2010)	(Earliest)Priority date (<i>day/month/year</i>) 10 Jul. 2009(10.07.2009)
Applicant ZTE CORPORATION et al.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

the international application in the language in which it was filed

a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and /or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (see Box No. II)

3. **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. The figure of the **drawings** to be published with the abstract is Figure No. 1

as suggested by the applicant

as selected by this Authority, because the applicant failed to suggest a figure

as selected by this Authority, because this figure better characterizes the invention

b. none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2010/073386

A. CLASSIFICATION OF SUBJECT MATTER

H04J3/06(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: H04J, H04B, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CPRSABS, CNKI, WPI, EPODOC: clock, global, work+, reference, local, count+, phase w detect+, phase w discriminate+, frequency w divid+, phase w lock+, PLL, synchronous digital hierarchy, SDH**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN101299609 A (DA TANG MOBILE COMMUNICATION EQUIP) 05 Nov. 2008(05.11.2008) the whole document	1-13
A	CN101098220A (ZTE CORP) 02 Jan. 2008(02.01.2008) the whole document	1-13
A	CN101079629A (ZTE CORP) 28 Nov. 2007(28.11.2007) the whole document	1-13
A	US7358783B1 (ALTERA CORP) 15 Apr. 2008(15.04.2008) the whole document	1-13
P, X	CN101610123A (ZTE CORP) 23 Dec. 2009(23.12.2009) description page 3 line 10 - page 8 line 6, claims 1-13, figs. 1-3	1-13

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“A” document defining the general state of the art which is not considered to be of particular relevance	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“E” earlier application or patent but published on or after the international filing date	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	“&” document member of the same patent family
“O” document referring to an oral disclosure, use, exhibition or other means	
“P” document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
16 Aug. 2010 (16.08.2010)Date of mailing of the international search report
09 Sep. 2010 (09.09.2010)Name and mailing address of the ISA/CN
The State Intellectual Property Office, the P.R.China
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2010/073386

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN101299609A	05.11.2008	NONE	
CN101098220A	02.01.2008	NONE	
CN101079629	28.11.2007	CN101079629B	12.05.2010
US7358783B1	15.04.2008	US6114915A	05.09.2000
		US6369624B1	09.04.2002
		US2002043995A1	18.04.2002
		US6448820B1	10.09.2002
		US2002158671A1	31.10.2002
		US6617884B2	09.09.2003
		US6642758B1	04.11.2003
		US6667641B1	23.12.2003
		US6836164B1	28.12.2004
		US7109765B1	19.09.2006
CN101610123A	23.12.2009	NONE	